CONTENTS

No. 1, February 1992

PAGE

Jonathan C. Wright, Peter Westh & Hans Ramlov. Cryptobiosis in Tardigrada 1

Kurt R. H. Repke & Rudolf Schon. Role of protein conformation changes and transphosphorylations in the function of Na^+/K^+-transporting adenosine triphosphatase: an attempt at an integration into the Na^+/K^+ pump mechanism 31

Jeremy Field. Intraspecific parasitism as an alternative reproductive tactic in nest-building wasps and bees 79

No. 2, May 1992

I. Newton. Experiments on the limitation of bird numbers by territorial behaviour 129

D. Seter & A. Rosen. Study of the vertical autorotation a single-winged samara 175

Richard M. Klein. Effects of green light on biological systems 285

No. 3, August 1992

Soumitra Sen. Programmed cell death: Concept, mechanism and control . 287

D. A. Wardle. A comparative assessment of factors which influence microbial biomass, carbon and nitrogen levels in soil 321

Marc L. Turner. Cell adhesion molecules: A unifying approach to topographic biology 359

No. 4, November 1992

Raymond McNeil, Pierre Drapeau & John D. Goss-Custard. The occurrence and adaptive significance of nocturnal habits in waterfowl 381

Paul S. Dyer, David S. Ingram & Keith Johnstone. The control of sexual morphogenesis in the Ascomycotina 421

LIA ETTINGER & FANNY DOLJANSKI. On the generation of form by the continuous interactions between cells and their extracellular matrix 459

STEPHEN B. DUNNETT & TREVOR W. ROBBINS. The functional role of mesotelencephalic dopamine systems 491

R. J. BERRY & F. H. BRONSON. Life history and bioeconomy of the house mouse 519

E. R. S. ROLDAN, M. GOMENDIO & A. D. VITULLO. The evolution of Eutherian spermatozoa and underlying selective forces: female selection and sperm competition 551

INDEX OF AUTHORS

BERRY, R. J. & BRONSON, F. H. Life history and bioeconomy of the house mouse 519

DUNNETT, STEPHEN B. & ROBBINS, TREVOR W. The functional role of mesotelencephalic dopamine systems 491

DYER, PAUL S., INGRAM, DAVID S. & JOHNSTONE, KEITH. The control of sexual morphogenesis in the Ascomycotina 421

ETTINGER, LIA & DOLJANSKI, FANNY. On the generation of form by the continuous interactions between cells and their extracellular matrix . . 459

FIELD, JEREMY. Intraspecific parasitism as an alternative reproductive tactic in nest-building wasps and bees 79

KLEIN, RICHARD M. Effects of green light on biological systems . . . 285

MCNEIL, RAYMOND, DRAPEAU, PIERRE & GOSS-CUSTARD, JOHN D. The occurrence and adaptive significance of nocturnal habits in waterfowl . 381

NEWTON, I. Experiments on the limitation of bird numbers by territorial behaviour 129

REPKE, KURT R. H. & SCHON, RUDOLF. Role of protein conformation changes and transphosphorylations in the function of Na^+/K^+-transporting adenosine triphosphatase: an attempt at an integration into the Na^+/K^+ pump mechanism 31

ROLDAN, E. R. S., GOMENDIO, M. & VITULLO, A. D. The evolution of Eutherian spermatozoa and underlying selective forces: female selection and sperm competition 551

SOUMITRA, SEN. Programmed cell death: Concept, mechanism and control . 287

SETER, D. & ROSEN A. Study of the vertical autorotation a single-winged samara 175

MARC L. TURNER. Cell adhesion molecules: A unifying approach to topographic biology 359

D. A. WARDLE. A comparative assessment of factors which influence microbial biomass carbon and nitrogen levels in soil 321

WRIGHT, JONATHAN C., WESTH, PETER & RAMLOV, HANS. Cryptobiosis in Tardigrada 1